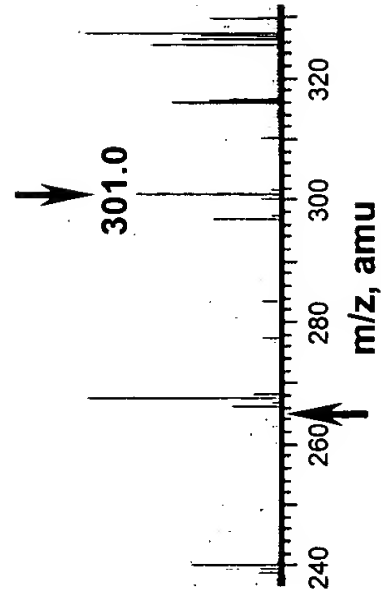


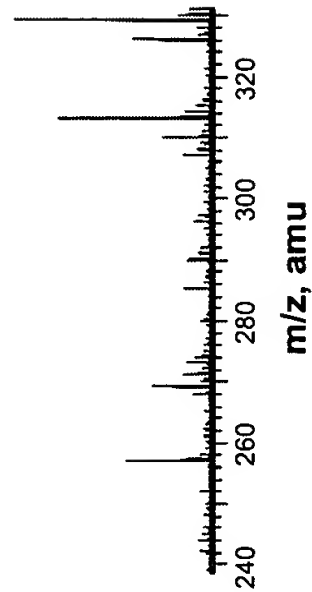
Fig. 1

A

Brain (library)



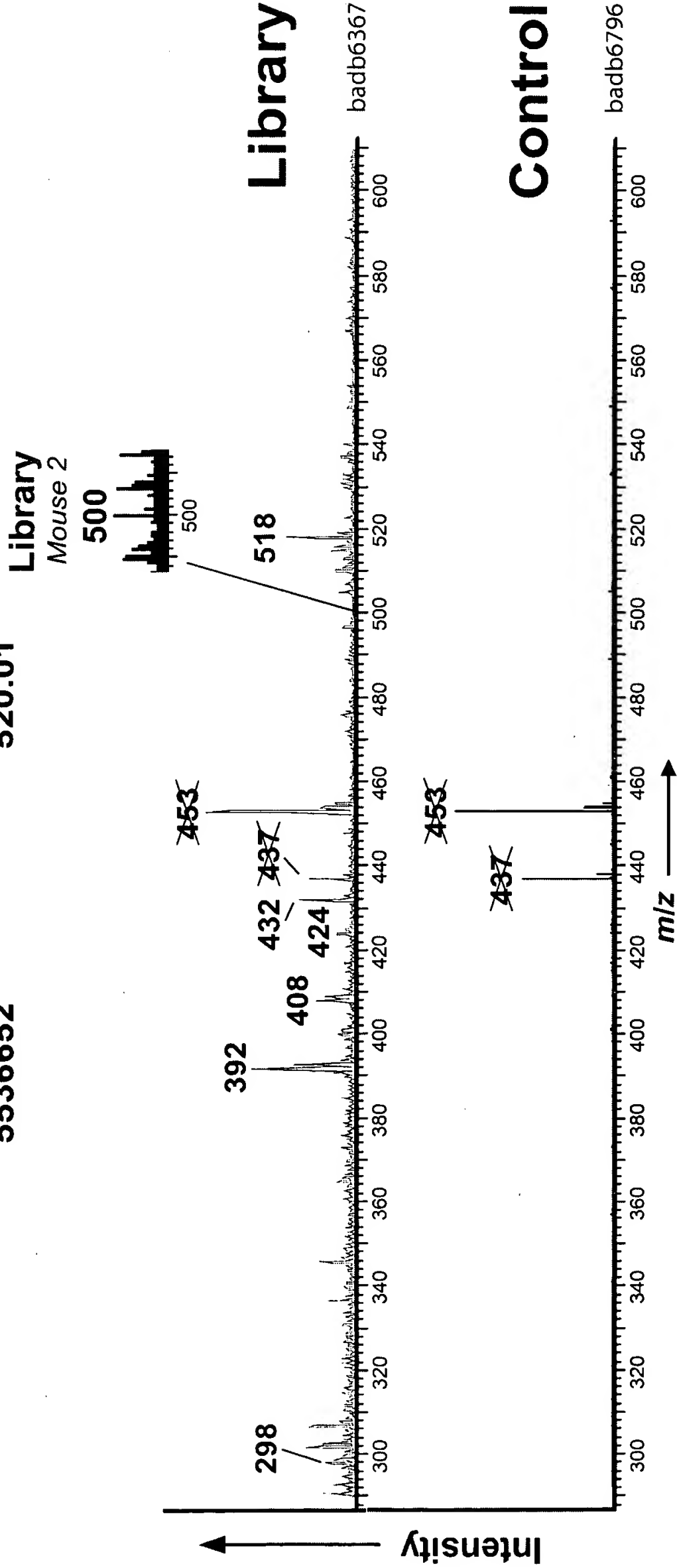
Brain (Control)



Potential kidney-homing compounds

Fig. 2A

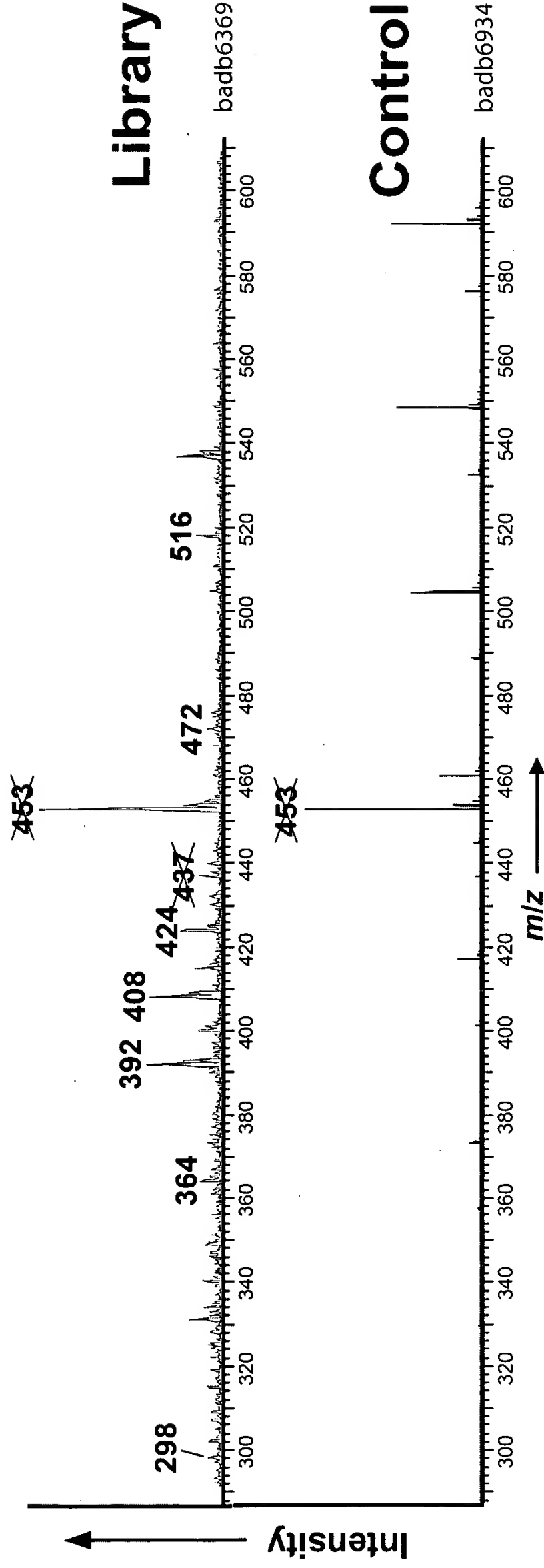
ChemBridge Compound	Theoretical Molecular Weight (Da)
5343617	300.08
5116670	392.01
5217141	408.11
6090295	424.09
5862461	432.07
6074428	500.01
5536652	520.01



Potential liver-homing compounds

Fig. 2B

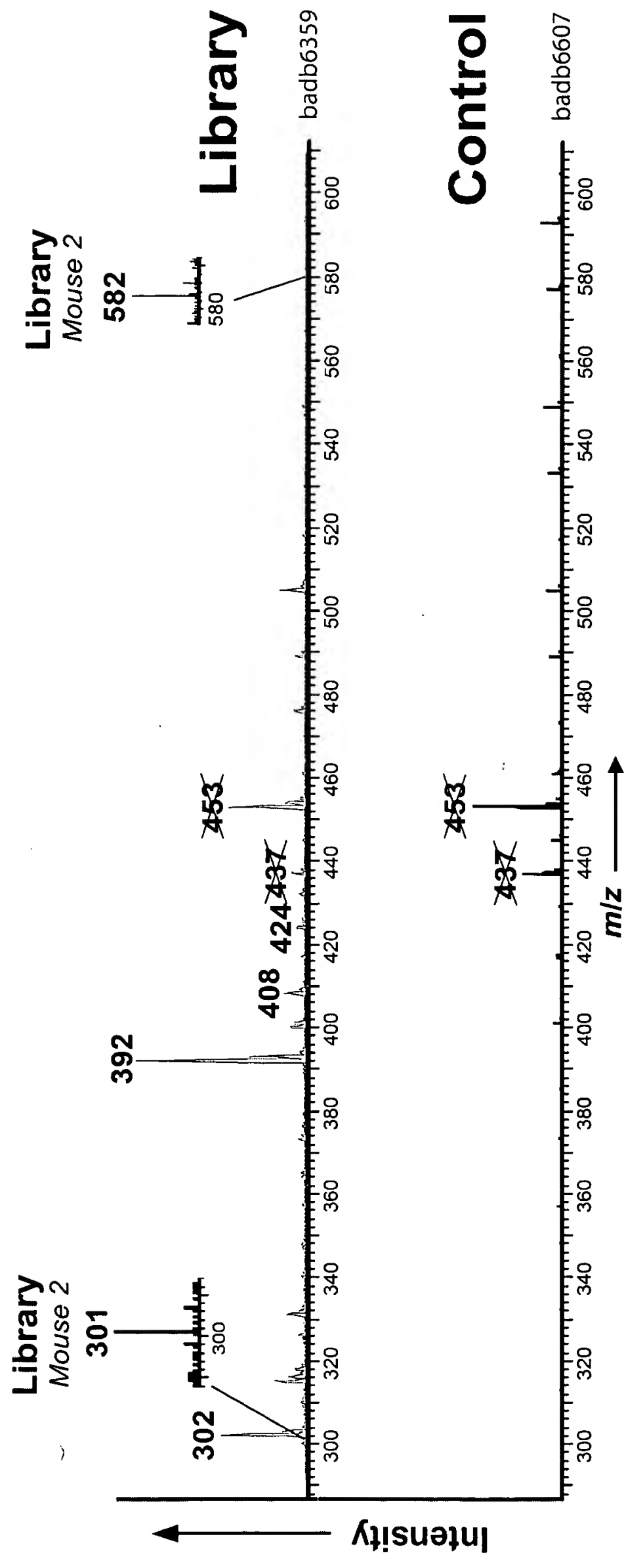
ChemBridge Compound	Theoretical Molecular Weight (Da)
5343617	300.08
5216419	364.03
5116670	392.01
6873050	472.00
7567423	516.01



Potential lung-homing compounds

ChemBridge Compound	Theoretical Molecular Weight (Da)
5343617	300.08
5116670	392.01
7609370	580.68
5710134	584.46

Fig. 2C



Potential brain-homing compounds

Fig. 2D

<u>ChemBridge Compound</u>	<u>Theoretical Molecular Weight (Da)</u>
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None detected

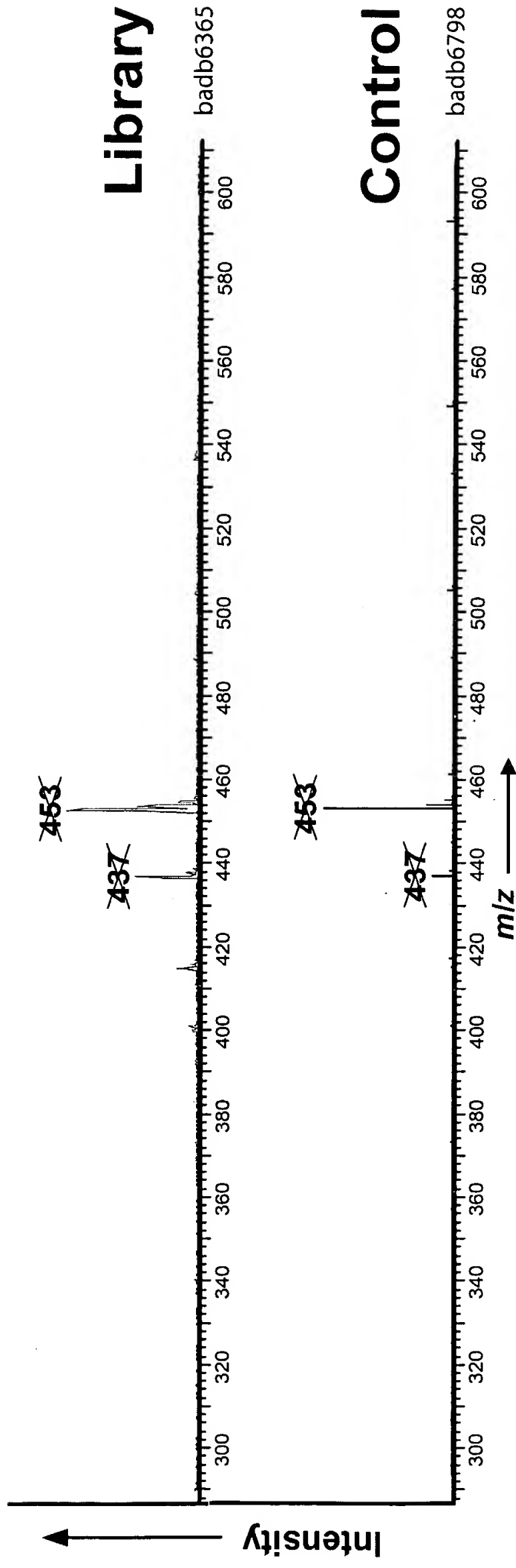


Fig. 3A

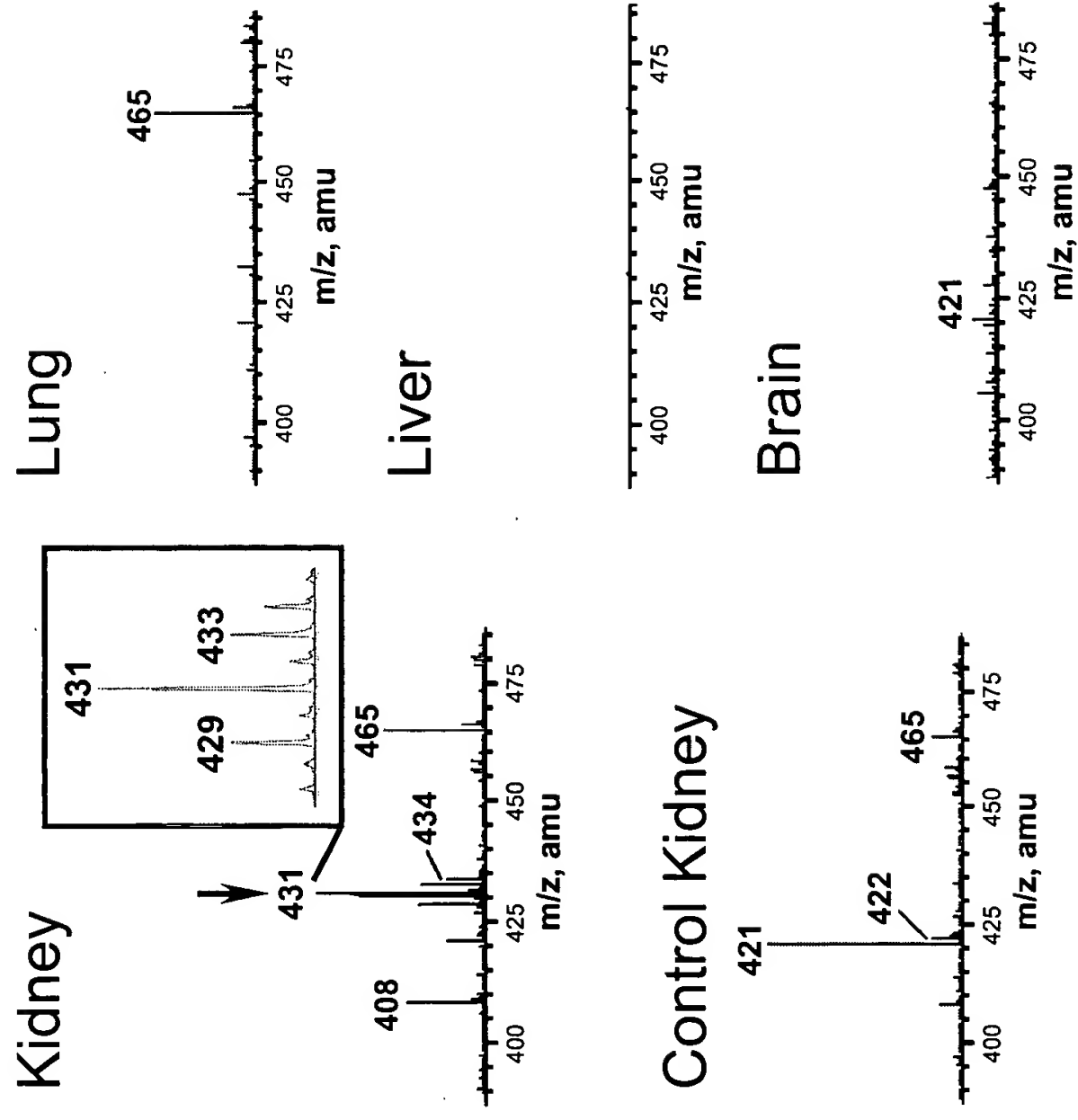


Fig. 3B

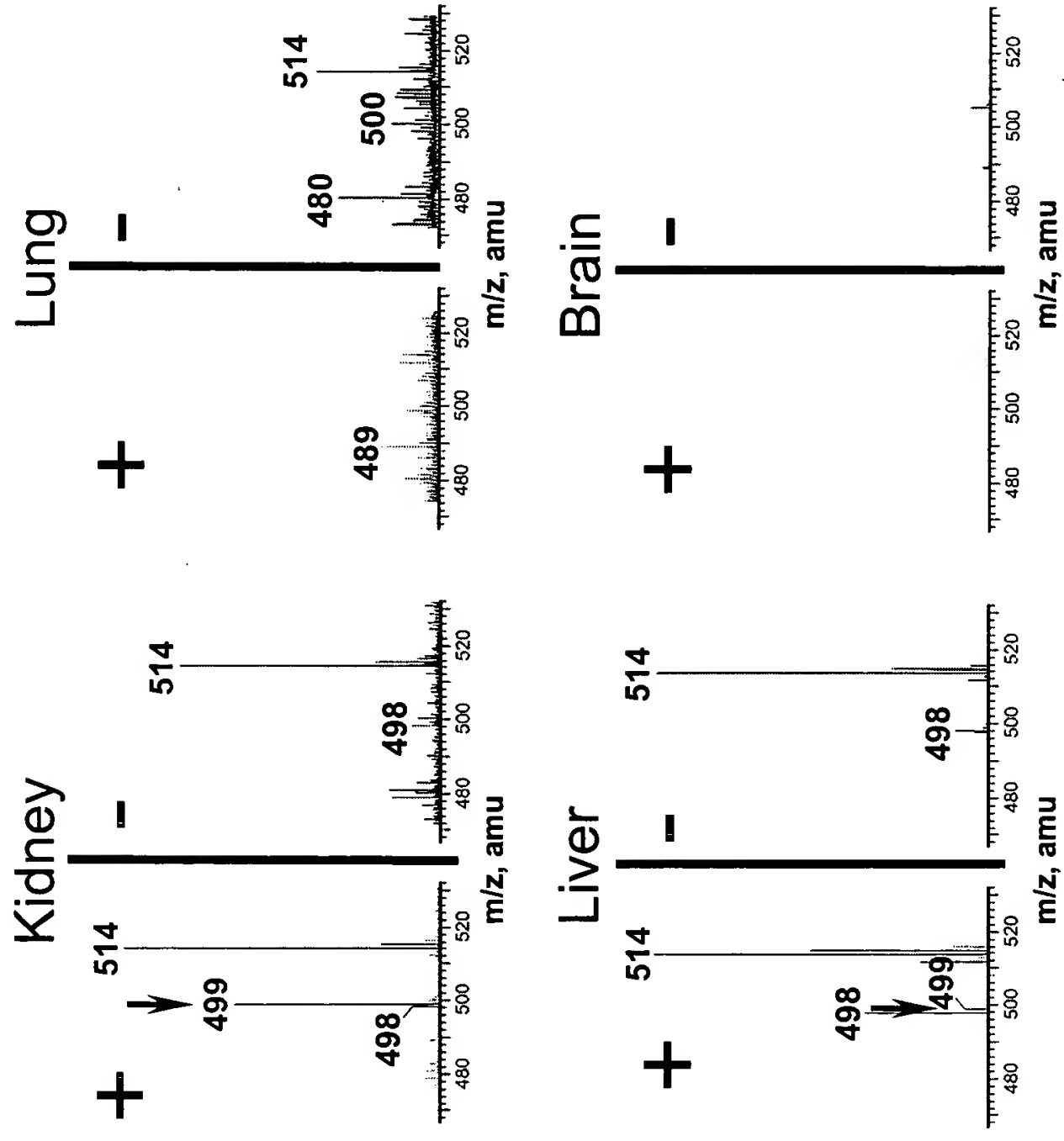


Fig. 3C

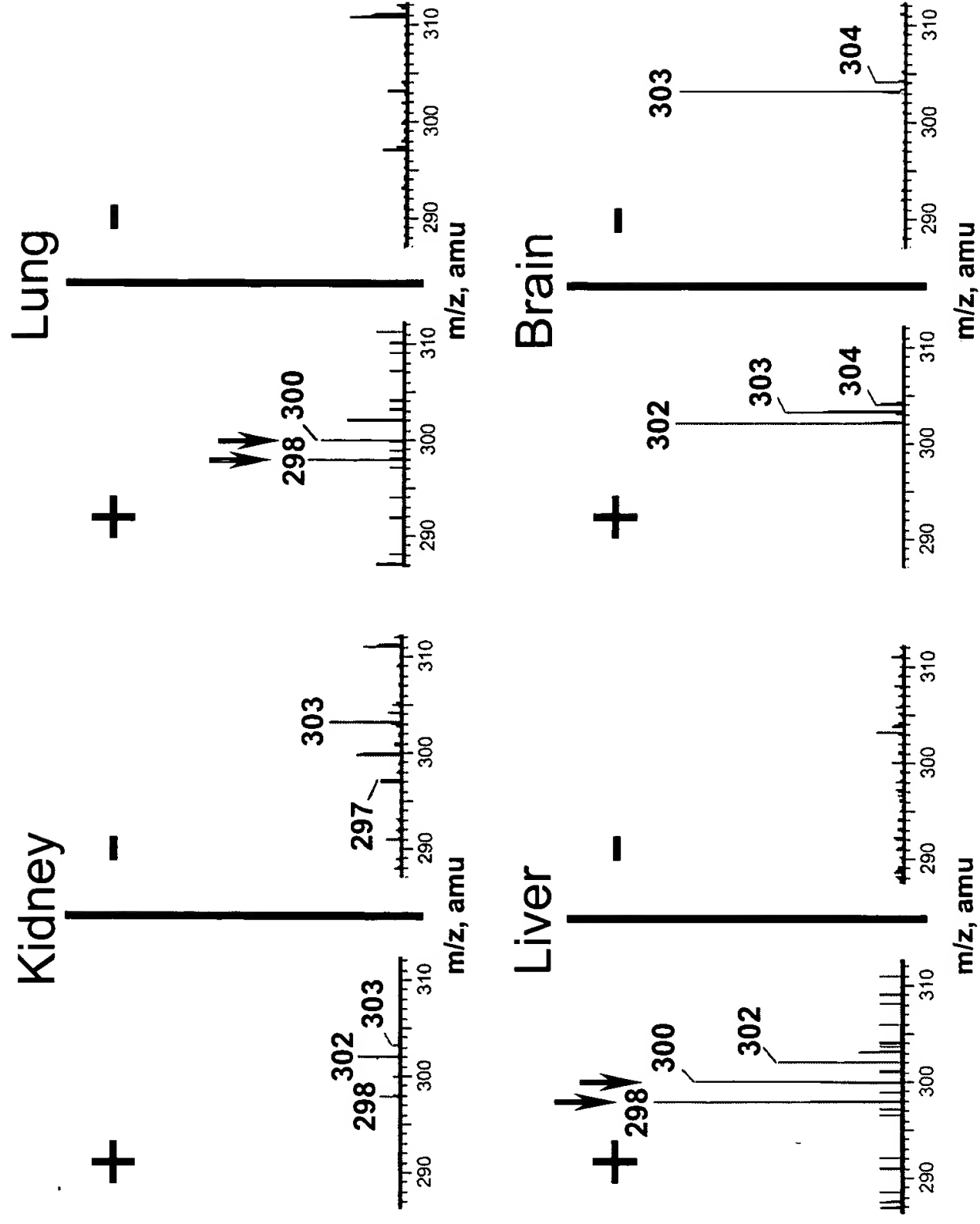
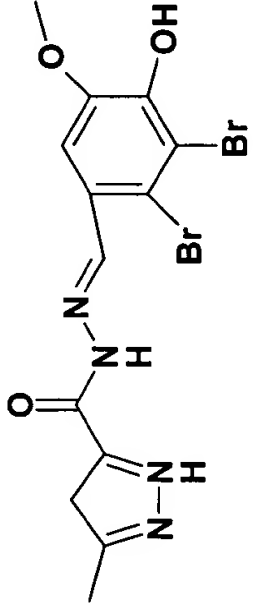
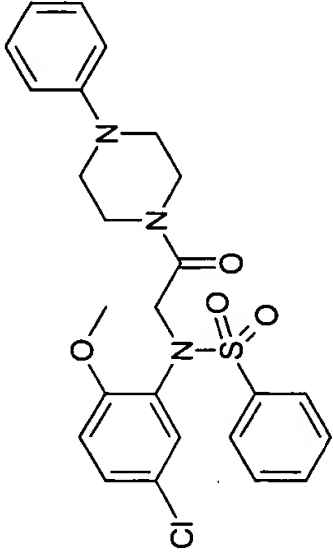
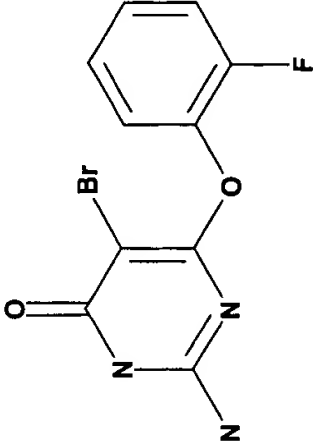


Fig. 4

Organ-targeting Compound	Target Organ(s)	Accumulation in Organ (% of total injected)
 <p>ChemBridge 5862461</p>	Kidney	0.2% (± 0.04)
 <p>ChemBridge 6074428</p>	Kidney	2.1% (± 0.4)
 <p>ChemBridge 5343617</p>	Liver Lung Kidney	4.5% (± 0.1) 0.6% (± 0.04) 0.08% (± 0.02)